

# 小白成长日记——第十一天

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我变强了，也要秃了

## TCP服务器

### server.js

```
"use strict";
var net = require("net");
var clientList = [];
var count = 0;

var server = net.createServer(function(socket){
  clientList.push(socket);
  count++;
  console.log(count);
  socket.write("success!\r\n");
  //socket.pipe(socket);
  socket.on("data",function(data){
    console.log(data.toString());
    //socket.write(data);
    broadcast(data);
  });

  socket.on('end', function(){
    console.log('connection closed');
    var index = clientList.indexOf(socket);
    clientList.splice(index, 1);
  });

});

function broadcast(data){
  for(var i = 0; i < clientList.length; i++){
    clientList[i].write(data);
  }
}

server.listen(8080,"127.0.0.1");
```

### client.js

```
"use strict";
var net = require("net");
var hostname = process.argv[2];
var port = process.argv[3];
```

```
var client = net.connect({host:hostname,port:port},
function(){
  console.log("connected to server!");
  process.stdin.setEncoding("utf8");

  process.stdin.on("readable",function(){
    var chunk = process.stdin.read();
    if(chunk != null){
      client.write("data: " + chunk);
    }
  });

});

client.on("data",function(data){
  console.log(data.toString());
});
```

```
client.on("end",function(){
  console.log("disconnected from server");
  reconnect();
});
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```